

# Interference Search Notes

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((programmable) with (map\$4 assign\$4 allocat\$4 crossbar matrix) with (DMA) with (request\$4 command input) with (channel grant\$4 output)).clm.	US-PGPUB	OR	ON	2007/02/12 11:15
L2	4	((DMA (direct adj3 memory adj3 access)) with (crossbar)).clm.	US-PGPUB	OR	ON	2007/02/12 11:16

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	876	(request\$4 command) with (map\$4 assign\$4) with (grant acknoqledge\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:02
L7	58836	(dma (direct near3 memory near3 access))(request\$4 command) with (map\$4 assign\$4) with (grant acknoqledge\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:02
L8	33	(dma (direct near3 memory near3 access)) with (request\$4 command) with (map\$4 assign\$4) with (grant acknoqledge\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:46
L9	420	(dma (direct near3 memory near3 access)) near3 (crossbar array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:48
L10	19	(dma (direct near3 memory near3 access)) near3 (crossbar array) near3 (switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:46
L11	386	9 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:48
L12	11	(dma (direct near3 memory near3 access)) near3 (crossbar array) with (priority)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:48
L13	11	(dma (direct near3 memory near3 access)) near3 (crossbar array) with (priorit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:49
L14	35	(dma (direct near3 memory near3 access)) near3 (crossbar array) with (channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 10:27

## EAST Search History

L15	2	"20020188771".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 10:11
L16	9	(dma (direct near3 memory near3 access)) and hayden.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 10:27
S1	2781	710/22-28,36,40.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 10:11
S2	138	S1 and (DMA with (channel) with (priorit\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:21
S3	133	S2 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 09:48
S4	164	(map\$4 assign\$4) with (DMA) with (request\$4 command) with (channel grant\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:46
S5	2834	710/22-28,36,40.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/25 17:07
S6	140	S5 and (DMA with (channel) with (priorit\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/25 17:31
S7	134	S6 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/25 17:07
S8	32	S4 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/25 17:07

## EAST Search History

S9	2	(DMA with (programmable) with mapping with (channel) with (priorit\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/25 17:32
S10	33	(DMA with (programmable) with (channel) with (priorit\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/25 17:32
S11	17	(US-20050188122-\$ or US-20050188119-\$ or US-20060010264-\$ or US-20050165980-\$ or US-20050080942-\$).did. or (US-4901234-\$ or US-6941406-\$ or US-6167465-\$ or US-6735639-\$ or US-5317715-\$ or US-6701405-\$ or US-5826106-\$ or US-6687796-\$ or US-5944800-\$ or US-5809335-\$ or US-5948080-\$ or US-5655151-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/26 11:59
S12	4	S11 and crossbar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:09
S13	38	((DMA near3 (controller engine)) or DMAC) with crossbar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:14
S14	37	S13 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:22
S15	667	((DMA near3 (controller engine)) or DMAC) with (switch router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:15
S16	37	S14 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:16

## EAST Search History

S17	617	S15 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:15
S18	37	((DMA near3 (controller engine)) or DMAC) with (switch router) with (input and output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:21
S19	32	S18 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:23
S20	1532	DMA with (switch router crossbar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:22
S21	750	DMA near5 (switch router crossbar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:23
S22	691	S21 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:22
S23	53	DMA with (has compris\$4) with (switch router crossbar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:22
S24	476	DMA adj5 (switch router crossbar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:37
S25	443	S24 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:37
S26	22	DMA adj5 (crossbar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:37

## EAST Search History

S27	22	S26 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:37
S28	0	(data near3 transfer) with (register) with (crossbar) with (programmable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:49
S29	26	(data near3 transfer) with (register) with (crossbar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/26 12:49
S30	0	(DMA with (transfer near3 controller) with ((source and destination) near3 addresss))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 10:09
S31	46249	(DMA (channel near3 controller) with ((source and destination) near3 addresss))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 10:09
S32	0	(DMA with (channel near3 controller) with ((source and destination) near3 addresss))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 10:10
S33	0	(channel near3 controller) with ((source and destination) near3 addresss)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 10:10
S34	14	DMA with (channel near3 controller) with (source and destination)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 10:12
S35	74	DMA with (channel near3 controller) same (source and destination)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:03
S36	67	S35 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 11:09

## EAST Search History

S37	14	DMA with (channel near3 controller) with (source and destination)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:00
S38	1260	DMA with (channel near3 controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:01
S39	1139	DMA near5 (channel near3 controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:01
S40	594	DMA near5 (channel near3 control)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:02
S41	6	DMA with (channel near3 control near3 logic) same (source and destination)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:04
S42	89	(DMA (direct adj3 memory adj3 access)) with (crossbar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:26
S43	87	S42 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:14
S44	1813	(DMA (direct adj3 memory adj3 access)) with (switch matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:26
S45	10	(DMA (direct adj3 memory adj3 access)) with (switch near3 matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:27
S46	1525	(DMA (direct adj3 memory adj3 access)) with (switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:27

## EAST Search History

S47	447	((DMA (direct adj3 memory adj3 access)) near3 controller) with (switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:28
S48	145	((DMA (direct adj3 memory adj3 access)) near3 controller) near4 (switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 13:28
S49	131	S48 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 15:35
S50	43	(DMA with (first and second) near3 (priorit\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 15:47
S51	31	(US-20060010264-\$ or US-20050188122-\$ or US-20050188119-\$ or US-20050165980-\$ or US-20050080942-\$ or US-20040215868-\$ or US-20050223269-\$ or US-20050190799-\$ or US-20050147105-\$ or US-20050091432-\$ or US-20030172326-\$ or US-20020009094-\$ or US-20040216018-\$ or US-20030217232-\$).did. or (US-6941406-\$ or US-6167465-\$ or US-6735639-\$ or US-6701405-\$ or US-6687796-\$ or US-5655151-\$ or US-5948080-\$ or US-5944800-\$ or US-5826106-\$ or US-5809335-\$ or US-5317715-\$ or US-4901234-\$ or US-7058750-\$ or US-5721828-\$ or US-6023735-\$ or US-5048022-\$ or US-6615291-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/28 16:34
S52	8	S51 and crossbar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 16:37

## EAST Search History

S53	1	haydon.inv. and DMA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 08:37
S54	8	hayden.inv. and DMA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 08:59
S55	72	(chang\$4 updat\$4 increas\$4 descreas\$4 modify\$4) near3 (priority) with (busy unavailab\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 09:10
S56	2	S55 and DMA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 09:00
S57	7	(programmable with DMA with descriptor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 09:10
S58	60	descriptor near3 (structure format) with (variable programmable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 12:23
S59	56	S58 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 12:26
S60	9	S59 and DMA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 12:26
S61	490	(map\$4 assign\$4 allocat\$4 crossbar matrix) with (DMA) with (request\$4 command input) with (channel grant\$4 output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:59
S62	35	(programmable) with (map\$4 assign\$4 allocat\$4 crossbar matrix) with (DMA) with (request\$4 command input) with (channel grant\$4 output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:48

## EAST Search History

S63	455	S61 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:49
S64	33	S62 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:30
S65	58	(table switch matrix crossbar arbiter) with (map\$4 assign\$4 allocat\$4) with (DMA) with (request\$4 command input) with (channel grant\$4 output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:00
S66	55	S65 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:14
S67	6465	(dma with (request input command) with (channel output grant))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:29
S68	676	(dma with (request input command) with (channel output grant) with (table switch matrix crossbar arbiter))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:30
S69	91	(dma with (correspond\$4 map\$4 relat\$4 assign\$4 allocat\$4 determin\$4) with (request input command) with (channel output grant) with (table switch matrix crossbar arbiter))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:30
S70	83	S69 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:30
S71	61	(assign\$4 with (dma near3 request\$4) with (channel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:48

## EAST Search History

S72	24	(map\$4 with (dma near3 request\$4) with (channel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:13
S73	19	S72 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:53
S74	7	((program\$5 dynamic\$4) with assign\$4 with (dma near3 request\$4) with (channel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:49
S75	0	((program\$5 dynamic\$4) with allocat\$4 with (dma near3 request\$4) with (channel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:49
S76	11	((program\$5 dynamic\$4) with map\$4 with (dma near3 request\$4) with (channel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:53
S77	99	(determin\$4 with (dma near3 request\$4) with (channel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:53
S78	87	S77 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 17:53
S79	2	"20050188120".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 10:24
S80	162	(priorit\$4 with (dma near3 (request command)) with (channel output))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 13:29
S81	155	S80 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 13:30

## EAST Search History

S82	93	((assign\$4 map\$4) with (dma near3 (request command)) with (channel output))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:33
S83	81	S82 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:34
S84	31	((programmable) with (dma near3 (request command)) with (channel output))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:33
S85	26	S84 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:34
S86	570	(programmable dynamic) with (dma (direct near3 memory near3 access)) with (channel datapath)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 13:39
S87	174	(programmable dynamic) with (dma (direct near3 memory near3 access)) with (channel datapath) with (priority arbitrat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 13:39
S88	151	S87 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:21
S89	77	(priority near3 crossbar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:32
S90	67	S89 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:32
S91	3	(priority near3 crossbar) with dma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:32

## EAST Search History

S92	91	crossbar with dma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:32
S93	67	S90 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:33
S94	88	S92 and (@ad<="20040225" or @rlad<="20040525")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:33